

Journal
1887

Anchomys
Glaucomys

Indian pottery ruins
from Ariz. Photo's of.

Spinus
cybripicus
pinus

22 1/2 cups

July 7th, 1887.

Left Ft. Verde, A.T. at 4 o'clock
A.M. and rode 36 miles
to Summer camp at Fern
Springs, near Baker's Butte.

Specimens. —

Cyanocephalus cyanocephalus

165544 ♂ ad. 304; 480; 158; 120;
cul. 39; gape, 41; tars 40;
nte, 31; cl. 9.

Cyanocephalus cyanocephalus

165545 ♂ ad. 300; 485; 155; 120;
cul 36; gape, 39; tars 41;
nte 32; cl. 9. Bill twisted.

5346 * Chordeiles virginianus henryi ♂ ad.

133; 585; 195; 112; cul 8; nost 4.9;
gape, 26; tars 15; nte 21; cl 7.

Shot in limb of Oak tree by Mrs. Mearns

5347 Chordeiles virginianus henryi ♀ ad.

228; 365; 193; 112; cul, 7.5;

nost, 4.9 gape 25 tars 15 nte 20 cl 6

5348 Chordeiles virginianus henryi. ♀ ad.

136; 590; 205; 117 cul 8; nost, 5

gape 28 tars 15.5 nte 20 cl 5.5

July 12, 1887. Baker's 13th

Sciurus aberti ♂ ad. T. l. 585

H. & body 280 Tail vert 242 hairs 310
width 160 Ears, { crown, ^{hairs} 72; notch 44;
width 24; Tip of nose to front teeth, 9;
angle mouth, 31; eye, 30; centre
of pupil, 37; ear, 53; meatus, 54;
tip of ear, 97; occiput, 70; end of
hind limb, 433; Between eyes, 36;
Chest girth, 170; Longest whiskers, 80;
Diameter of eye, 11;
Fore limb from coracoid, 134; from
olecranon, 101; manus, 51; width
of manus, 14; longest claw of manus, 10.4;
Hind limb from head of femur, 179;
from knee, 131;
Pes, 71; width of pes, 16; longest
claw of pes, 10.

July 13th, 1887

Sciurus aberti ♂ ad. Total length 555

Head & body to os ischium, ~~555~~ Tail vert. 220
Tail hairs, 290; width 145 Ears, above
crown, ^{hairs} 73; notch, 43; width, 21
Between eyes, 39 Chest girth, 165.
Longest whiskers, 75 Tip of nose to: front
teeth, 11.5; angle mouth, 30 eye 31

centre pupil, 39; ear, 56; meatus
56; tip of ear, 95; end of outstretched
hind extremity, 430. Fore limb from
coracoid, 128; olecranon, 97; manus, 49
width of manus, 15; its longest claw, 10
Hind limb from great trochanter, 186;
from knee, 132 Pes, 70; width, 15
longest claw, 10

Sciurus aberti ♂ ad. Total length, 525
Head & body, 259 Tail, vert., 218; hairs 268
width, 120. Ears, height above crown, ^{hairs} 61; notch, 41; width, 26. Between eyes 38
Chest girth, 150. Longest whiskers, 78
Tip of nose to: front teeth, 9.5; angle of
mouth, 28; eye, 30; centre of pupil, 38;
ear, 54; meatus, 54; tip of ear, 93
occiput, 68; and hind leg, 420.
Fore limb corac. 127; olecranon, 97
manus, 50; width, 15.3; long. cl. 10
Hind limb from head of femur, 188
from knee, 132 Pes, 74 width 16
longest claw, 10

Neotoma floridana mexicana ♂ ad

Total length, 339 Head & body, 202
Tail to and vert, 145; hairs, 155. Ears,
above crown, 28; notch, 30 width,
23. Bet. eyes 15 Chest girth, 105;
Longest whiskers, 90; Tip of nose to front

Skull only preserved.

teeth, 6.5; angle mouth, 25; eye, 28; centre pupil, 32; ear, 46; meatus, 45; tip of ear, 77; occiput 55; end hind leg, 283; Fore limb from coracoid, 68; olecranon, 51; manus, 28; width, 8; long cl. 2.8; Hind limb from head femur 111; knee, 75; Pes, 36; width 8; long cl., 4.

July 14th, 1887.

Tamias lateralis. ♀ ad. Total length 299 Head and body, 177. Tail to end vert, 104 hairs, 131; width, 48. Ears, height above crown, 18; notch, 20; width, 16. Tip of nose to front teeth, 5.2; angle mouth, 23; eye, 18.8; centre pupil, 24.5; ear, 38; meatus, 38; tip of ear, 60; occiput 48 end hind leg, 270. Bet. eyes, 26. Longest whiskers, 34; Chest girth, 110. Fore limb from coracoid, 78; olecranon, 58.5; manus, 30; width manus, 8; longest cl. m. 8. Hind limb from head femur, 107; knee, 76; Pes, 42; width, 10; longest cl., 6.

Parus gambelii. ♂ juv. In full 1st plumage. Was being fed by parent when shot. Bill brownish black. Legs, feet & claws, bluish-gray. Irides dark hazel.

July 14th, 1887 - Continued

Sciurus aberti ♂ ad. T. length, 575; Head & body, 288; Tail vert., 237; hairs, 282; width, 125; Ears, height above crown, 35; hairs, —; notch, 45; width, 27; Tip of nose to front teeth 10.5; angle mouth, 32; eye, 33; centre of pupil, 39; ear, 56; meatus, 57; tip of ear, 97; occiput, 71; end of hind leg, 450. Chest girth, 150; Between eyes, 38; Longest whiskers, 74; Fore limb from coracoid, 138; from olecranon, 103; manus, 53; width, 15; longest cl., 11; Hind limb, 194; knee, 138; Pes, 76; width, 16; longest cl., 10.5.

Tamias lateralis. ♀ ad. Total length, 297; Head & body, 179; Tail, vert., 99; hairs, 127; width, 53; Ears, height above crown, 14.5; notch, 22; width, 16; Tip of nose to front teeth, 5.2; angle mouth, 25; eye, 19; centre of pupil, 25; ear, 37; meatus, 38.5; tip of ear, 57; occiput, 49; end hind leg, 270; Between eyes, 27; Chest girth, 110; Longest whiskers, 35; Fore limb, coracoid, 77; olecranon, 56; manus 28; width, 9.7; longest cl., 8; Hind limb, 100; knee, 73; Pes, 41; width, 9.5; longest cl., 6.

No. 5519

Progne subis ♂ ad. July 13, 1887

213; 433; 158; 83; cul., 13.7;
nostr., 4.5; gape, 26; tibia, 30.5;
tars., 15; mte., 21.5; 2nd toe, 6.5.

⁵⁵⁵⁵¹ Melanerpes formicivorus balldi ♀ juv.
With parents still. Irides grayish-white.
Bill plumbeous-black; claws, plumbeous.
Tarsi & feet grayish-green; under surface
of feet greenish-yellow. In full 1st plumage.

⁵⁵⁵⁵² Sphyrapicus thyroideus ? juv. July 14.
In full first plumage. Sex not determined.

⁵⁵⁵⁵³ Troglodytes aedon marianae ♀ juv. Flung
up the leg of my trousers. I thought
it was some sort of a "bug" & crushed
it. It must have flown into my branches
while I was kneeling down wrapping up the
above specimens.

Sciurus aberti ♀ juv. Young of the year.

⁵⁵⁵⁵⁰ Melanerpes formicivorus balldi ♂ ad.
238; 443; 142; 93; cul., 25; gape, 28;
tarsus, 19.5; mte., 22.5; cl., 8.5. July 18.

⁵⁵⁵⁵⁷ Sitta pygmaea ♀ ad. 113; 206; 67; 37;
cul., 14; gape, 17; tars., 15; mte. 15.5;
claw, 5.5. July 18. (Caught in trap)

⁵⁵⁵⁵⁸ Regulus calendula ♀ ad. Its ruby crown
118; 183; 60; 47; cul., 11; nostr. 7; gape 13;
tars. 18.5; mte. 13; cl., 4.

5554

Buteo borealis calurus ♀ ad. The
light-breasted phase. 576; 1365; 425;
245; cul + cere, 38; cere, 14;
cul., 27; gape, 47; tibia 115;
tars., 87; mte., 64; claw, 24; hte.,
54; hind. claw, 32; inner claw, 29;
outer claw, 19.

⁵⁵⁵⁵⁵ Buteo borealis calurus ♀ ad. The
dark-breasted, melanotic phase. 575;
1420; 444; 255; cul. + cere, 40
cere, 15; cul., 28; gape, 46; tibia
127; tarsus 87; mte. 68; cl. 23
hte 57; cl. 36; inner cl., 29; outer cl. 18.
Irides yellowish-hazel. Cere greenish-yellow.
Bill plumbeous, shading to dusky at
tip. Legs & feet lemon-yellow; claws
blue-black. July 17th Baker's Butte.

⁵⁵⁵⁵⁹ Sphyrapicus thyroideus ♀ juv. July 18.
Irides hazel.

⁵⁵⁵⁶⁰ Picoides stricklandi ♂ ad. July 20.
217; 387; 124; 76; cul. 31; gape 34;
tarsus 23; mte. 17; cl., 9.2; hte
20; cl. 9. Irides dark cherry red.

Bill ~~black~~ with mandible lighter.
bluish-gray. Green, darker ~~toward~~
at tip; maxilla olivaceous-plumbeous.

5569

Progne subis ♂ ad. Shot by E. W. M.

210; 425; 154; 81; cul 12.3; nost 8;
gape ^{12.4} 23; tars 15.5; mte 22.5; cl 7; tib 29

Progne subis ♀ ad. Shot by E. W. M.

198; 409; 147; 73; cul 12; nost 8;
gape 23; tars 15; mte ~~22.5~~ 21.6; cl 6.2

Progne subis ♀ ad. Shot by E. W. M.

205; 410; 149; 79; cul 12.8; nost 9;
gape 24.5; tib 29.5; tars 15; mte 23; cl 7

Progne subis ^{♂ ad.} 205; 421; 149; 78;

cul 13; nost 9; gape 24.5; tars 16.5;
tibia 30; mte 22; cl 7. The last 3

females seem to be adults &
differ in depth of blue above
& dark color below considerably.
All, however were carefully dissected.

⁵⁵⁷³ Loxia am. Stricklandi ? ad? In

worn plumage, with family in pines
174; 200; 97; 60; cul 19.5;

gape 17.5; maxilla crossed to left
of mandible tars 18; mte 22

cl 9; hte 18.5; cl 9.

5566

July 23.

Cardellus rubrifrons ? ad.
Moulting & pin-feathering. Measure
= mends (of feathers) not reliable

139; 190; 66; 6.5; cul 10.3; nost 7;
gape 10.3; 13; tibia 23; tars 17.5;
mte 13; cl 4; hte 10; cl 5;

Legs, feet & claws, dusky brownish.
Bill plumbeous black, pale at base of
mandible.

⁵⁵⁷⁴ Sphyrapicus thyroideus ♂ ad.
In worn plumage & moulting. The
tail is worn down to stubs &
greatly shortened. Shy & disposed
to hide on trunk of tree behind limbs.
Parent (probably) of the last spec.

205; 424; 136; 63; cul 24

gape 27; tip of bill to center of
prepuce, 32; to occiput 45;

base of bill to occiput, 23;

tibia ³² 24; tarsus, 24; mte 22
cl 8.8; hte 11.6; cl 6. Irides

dark reddish-brown. Bill dark
plumbeous or neutral tint.

Legs & feet greenish-gray; claws
plumbeous.

5575

July 24thMelanerpes formicivorus bairdi

♂ juv. Volcome killed it with a
 storm. Irides grayish-white.
 Bill dark plumbeous. Legs
 and feet greenish-gray.

Claws plumbeous. First plumage

Colaptes richardsoni ♂ ad.

163; 274; 91; 73; cul. 13; not 9.4
 gape, 20; tars, 14; mtc. 12.4 & 5.

July 26th

Colaptes richardsoni ♂ ad.

Total length, 1670; Tail vert 160;
 Tail band 285; width, 235;

Ears crown, 217; notch 207; width, 135;

Beak, eyes 120; Chest girth, 900

Tip of nose to eye 180; center pupil, 200;

Ear, 265; tip of ear, 520; occiput, 325;

base of tail following curve of back

Diameter of eye 28; tip of nose to

angle of mouth, 103. Coracoid to

humerus 4.5. Olecranon to

humerus 300. Great trochanter to

humerus joint 595.

Weight after bleeding and

evacuating, with four eggs.

cut off 10.5 lbs. on scales.

when alive weight estimated 150.4
 Color ashy-gray densely overlaid
 by yellowish-brown. Chin throat
 + inner side of limbs white.

Chest without any sooty black
 as in winter. Irides yellowish.

Arreola (reparia?) ♂ ad. Total length 121

Head + body, 88 Tail vert. 31. Tars. 35

Ears crown 7 notch 9 width 9

Tip of nose front tooth 2.2 eye 10.5

center pupil, 12.5; ear — meatus 19

tip of ear 31 occiput 25 end of leg 117

Fore limb coracoid 34 olecranon 23

Bo manus 11; Cl, 2. Hind limb

44; knee, 31; per, 18; Cl, 2.2.

Proglodytes aedon marianae ♂ juv

in full first plumage.

1490.

Glaucochim guana ♂ ad. (No. 5578.)

176; 355; 97; 72; cul. + cere, 14

cere 4; cul 11.3 gape 17; diameter

of eye, 6.5; tip of bill to center of

pupil, 19; to occiput, 35; base of

bill to occiput, 27; tibia 40; tars,

17; mtc. 24; Cl, 10.6; htc, 17.

cl. 9. Irides yellow Bill +
cere yellowish-green. Bare
portion of feet greenish-yellow
Claws greenish-olive at base, shading
to blackish at tip. June 29/98
Outer cl. 9. Shot in oak-forest.

Picoides stricklandi ♂ juv.
226; 387; 121; 82; cul., 30
gape, 34; tars., 21.5; mte. 19
cl. 9.2. Irides dark reddish
brown Bill, legs & feet +
claws plumbeous.

July 27th.

Chordeiles virg. henryi ♂ juv.
nestling. They utter a
~~trilling~~ hissing, blowing sound
and run off together. At first
thought they were a *Ralliesnath*
as one ran close behind the
other through the grass.

Chordeiles virg. henryi ♂ juv.

Empidonax difficilis ad.
153; 235; 75; 68; cul., 13; nost., 8.5;
gape, 17; tars., 16.5; mte., 13; claw, 5;
hlc., 11; claw 5.5.

July 28th
in the morning

(1) *Loxia stricklandi* ♂
178; 313; 103; 68; cul., 21; tibia,
28; tars., 17.5; mte., 22.5; claw, 9;
hlc., 19; claw, 10. Irides, hazel.
Tarsi & feet brown with olivaceous
tinge; claws, dusky. Bill
olivaceous plumbeous shading
to dusky at tip.

(2) *Loxia stricklandi* ♂
171; 293; 97; 61; cul., 19; tibia,
28; tars., 18; mte., 23; claw, 8.7;
hlc., 18; claw, 9.

(3) *Loxia stricklandi* ♀
176; 300; 100; 63; cul., 19; tibia, 30;
tars., ~~18~~ 18; mte., 23; claw, 8;
hlc., 18; claw, 9.

(4) *Loxia stricklandi* ♀
165; 277; 91; 61; cul., 18.5; tibia, 29;
tars., 17.5; mte., 19; claw, 7; hlc., 15;
claw, 7.5.

* *Melanerpes formicivorus bairdi* E. M. M.
231; 437; 143; 88; cul., 28; gape, 30.5;
tars., 21; mte., 24; claw 8.7; hlc., 11.5;
claw 5; Irides, white.

5587

Trochilus platycircus End.
103; 124; 51; 35; cul. from feathers, 17;
gape, 22.5; tars., 4.5;

5588

July 29th, 1887.

Columba fasciata ♀ ad. 385; 635;
215; 156; Cul. from feathers 18.
gape, 28; tibia 53; tarsus, 29;
hite, 40; cl., 11; hite 26; cl., 9.3.

Sciurus arizonensis ♀ juv. young of year
Total length 58; Head & body 24.5.

Tail vert. 26.0; hairs, 34.0; width 13.5

Bet. eyes, 34 Longest whisker 80

Lip of nose to f. teeth 9 angle mouth 28

eye 30 centre pupil 36 meatus 53

ear 79 hind leg 378 Ears,

height crown 22; notch 32; width 22

Fore limb coracoid 122 olecranon 95

manus 50 width 12.5; cl., 9

Hind limb 678 hum 127 ul 74

width 15 longest claw 9.4

Killed in pine tree; eating pine seeds.
on Weber Creek, Forto Basin.

July 30th 1887.

* Sciurus aberti ♀ juv. young of the
year shot by E. W. M.

July 31st, 1887.

Tamias lateralis ♂ ad. Total length 317 Head & body 180 Tail vert. 103 Tail hairs 125 width 80 Ears crown 15 notch 22 width 17 Between eyes 27 Chest girth 100 Longest whiskers 37 Tip of nose to: front teeth 5.5 angle mouth 37 eye 19 Centre pupil 26 ear 39 meatus 40 tip of ear 60 occiput 49 hind leg 277 Fore limb from coracoid 80; olecranon 59 Manus 28 width 8.5 longest cl. 7.2 Hind limb 105 knee 78 pes 43 width pes 10 longest cl. 5.6.

Tamias lateralis ♂ ad. Total length 300 Head & body 180 Tail vert. 93 hairs 128 width 65 Ears crown 16 notch 22 width 18 Between eyes 27 Chest girth 105 Longest whiskers 35 Tip of nose to: front teeth 5.5 angle mouth 28 eye 19.5 centre of pupil 26 ear 39 meatus 40 tip of ear 60 end of hind leg 275 Fore limb coracoid 77 olecranon 59 manus 29 width 9 longest cl. 8 Hind limb 106 knee 77 pes 43 width 10 longest cl. 6.

August 1st, 1887.

Tamias lateralis ♂ ad. Total length 310 Head & body 185 Tail vert. 96 hairs 125 width 57 Ears crown 13 notch 23 width 17 Between eyes 26 Chest girth 130 Longest whiskers 38; Tip of nose to: front teeth 6; angle of mouth 26; eye 20; centre of pupil 26; ear 42; meatus 42; tip of ear 62; occiput 52; end of hind leg 276; Fore limb from coracoid 79 olecranon 60 manus 31 width 9.5 longest claw 8; Hind limb from head 118; knee 77; pes 44; width pes 11 longest claw 6.3

* *Loxia stricklandi* ♀ ad. Shibly Ell. W. 162; 273; 90; 57; Cul 19 Tars 16; MTC 20.9; Claw 8; htc 17; claw 8.5

Loxia stricklandi ♂ (age?) 164; 287; 97; 60; Cul 18 Tars 18 MTC 22; claw 8 htc 18.3; claw 8.3;

Loxia stricklandi (age?) 172; 295; 102; 67; Cul 18.5 Tars 18 MTC 22; claw 8 htc 19; claw 9.5

August 1st 1887.

Vireo olivaceus ♂ ad.

151; 256; 85; 67; Cul 12
Nostril 5. gape 16.5. Tib. 35
Tars 19.5. Mte 16. Claw 5.3.
Htc 12. claw 6. Molting.

Columba fasciata ♂ ad. 365; 630;
215; 150; cul. 17; gape, 27; tibia 54
tarsus 28 mte 41 cl 10. Mte 25 cl 9.7

Aug. 2nd, 1887.

Dendroica olivacea ♂ ad. Molting.
133; 225; 77; 54; cul 11.5; nostr 7.5
gape 15.5; tibia 23 tars. 18; mte 14
cl 4.2 htc 11.5; cl. 5.

Columba fasciata ♂ ad. 373; 650
215; 148; cul 17 gape 28 tibia 56
tarsus mte 29 mte 37 cl 9;
hte 23 cl 5.

Columba fasciata ♀ ad. 375; 625;
204; 144; cul. 17 gape 28 tibia 57
tarsus 28 mte 38 cl 9.7
hte 25 cl 9.4.

Loxia stricklandi. ♂ ad. ¹⁸⁴ 284; 307
100; cul. 21.5; tibia 30 tarsus 19.5
mte 23 cl 9 htc 20 cl 10
[Skip one page]

Aug. 3rd, 1887

Caracus macrotis montanus ♂ ad.

A cactus buck or emaculated male.
Total length, Total length following
curves of body. 1880. Tip of nose to
root of tail, 1440. Tail vert. 225;
Tail hairs, 375; width of tip 285;
Ears crown 223. notch 203
width, 130. Tip of nose to front teeth,
angle of mouth, 106 eye 185

centre of pupil 203 [Diameter of eye 31]
Ear 280 tip of ear 535 occiput 340
end of outstretched hind leg,

Fore limb from coracoid 775
from acromion 636 "humerus" 340
Hind limb from gt. trochanter 975
Knee 735 Hock 480 pes 140

Beh. eyes. Chest girth, 950.
From top of scapula to end fore
hoof 980. Last joint fore leg 126
Neck girth behind occiput 370
Girth of head between horns & ears 460
Loins girth 760. Four good sized teats
& no testicles.

Merula migratoria propinqua
♂ juv. Nestling just from
nest.

August 2nd Continued
 from 2 pages back
Toxia stricklandi ♂ (age?)
 175; 294; 99; 64; cul 18.5; tibia
 tarsus 18; mte 21; cl 7. hte 18 cl 8.5.
~~Agelaius phoeniceus~~
Agelaius phoeniceus ♀ ad.
 210; 350; 110; 93; cul 20
 most 14 gape 25 tibia ?
 tarsus 18 mte 16 cl 6
 hte 14 cl 7. Irides hazel
 Mandible orange-yellow.
Picus villosus ♀ ad. Not skinned
 221; 385; 120; 73; cul 27; gape 30
 tarsus 20 tibia 33; mte 22
 cl 10; hte, 12; cl. 6.

August 3rd, 1887.
Sclerurus aberti ♀ ad. Very large
 Preserved in pickle. Tot. l. 585
 H. + bed. 280 Tail vert. 237 hairs 309
 width, 145. Ears crown 35 notch 45
 width 27. Lip of nose to front teeth
 10 angle eye 32 centre pupil
 38 ear 95 meatus 56 tip of ear 99
 occiput 8 end hind leg, 440 Between
 eyes, 36 Chest girth 165
 Longest whiskers 83 Fore limb from
 coracoid 138 olecranon 103, manus 54
 width 15 cl 10 Hind limb 203
 knee 136 Pes 77 width 15 cl 11.

Notes on a trip to the Mogat-
=zal Mtns., Arizona from
Camp at "Fern Spring", A.T.,
between the 4th and 11th, 1887.

August 4th

Left camp at Fern Spring at 3 o'clock
P.M. and took a trail over a ridge
at the side of the Cañon of Pine Creek,
which stream "heads" at Baker's Butte
and breaks through the rocky rim of
Tonto Basin south of the Butte. We
camped at the mill in Pine Creek
Settlement, having ridden 9 miles.
Our party consisted of a civilian
named Andrew McFarland, two
private soldiers and two pack
mules (besides myself).

We observed the Band-tailed
Pigeons flying ~~south~~ northward out
of the Basin to roost among the
pines on the Mogollon Mts. Some
were shot. We also shot four
Abert's Pine Squirrels, one of which
was first seen in the trail
ahead of us, and ran along with
a large mushroom in its mouth.

I ascended a tall pine-tree,
and sat on a branch eating the
mushroom when I shot it. The
Mormon Settlers were very
friendly in conversation, but
nevertheless did not hesitate to
charge a soldier $\frac{3}{4}$ dollar for
a quart of milk, returning him
2 bits for change from a ^{silver} dollar.
The darkey took his change and
walked up to the Mormon's fence
or called out: "I don't guess yo
nebber specks ter see me round
des parts no mo, does yer?"
A male specimen of Picoides,
the Three-toed Woodpecker, on
Baker's Butte.

Aug. 5th, 1887.

Desiring to visit the famous
Natural Bridge on Pine Creek, we
ascertained that it was but four
"4" miles.

Aug. 21st

5637 Melanerpes bairdi ♂ ad. *

241, 442, 145, 90

Shot by E. W. M.

T. lateralis ♂ ad. T. L. 295.

Wing 185, Tail vert 90
Wing 115

On July 17 Mr. Saw Actitis
macularia in pine forest, no
water. 7,000 ft. alt.

Aorta { Arch
Thoracic
Abdominal

Arch: Ascending, Transverse, Descending

Subclavian
Carotid
Vertebral

Ascending { Right Coronary
Left Coronary

Transverse { Innominate
Left Subclavian

Innominate { Right Subclavian
Right Common Carotid

Common Carotid { External Carotid

Internal Carotid

Superior Thyroid

Inferior

Thyroid

External Carotid { Ascending Pharyngeal

Occipital

Posterior auricular

Transverse Facial

Superficial Temporal

Internal Maxillary

Superior Thyroid { Hyoid

Superficial ascending

Superior Laryngeal

Thyroid

Subhyoid - Thyroid

Lingual

Hyoid

Sublingual

Dental

Aorta { Arch
Thoracic
Abdominal

Arch: Ascending, Transverse & Descending

Branches of the aorta {
Ascending { Right Coronary
Left Coronary
Transverse { Innominate
Left Subclavian
Left Common Carotid
Innominate { Right Subclavian
Right Common Carotid

Common Carotid { External Carotid
Internal Carotid
Superior Thyroid
Lingual

External Carotid { Facial
Ascending Pharyngeal
Occipital
Posterior auricular
Transverse Facial
Superficial Temporal
Internal Maxillary

Superior Thyroid { Hyoid
Superficial Descending
Superior Laryngeal
Thyroid
Crico-thyroid

Lingual { Hyoid
Sublingual
Sublingual
Ranunc

